Claims 1-12 - canceled

Claim 13   (previously presented) A computer implemented method for creating, formatting or editing a database for representing a three dimensional physical environment where a wireless communications network may be deployed, comprising the steps of:

        a) accepting at least one raster image representing a physical environment in which an in-building or campus communications network is or will be deployed;

        b) verifying the sufficiency of said at least one raster image to provide a useful definition of said three dimensional physical environment and notifying a user of results of said verification of sufficiency, said verifying step producing a verified set of data defining said three dimensional physical environment, wherein said verifying the sufficiency step includes scaling said at least one raster image;

        c) using the resulting verified set of data to generate at least one formatted drawing or a set of formatted data which includes at least one or more objects for use in and being transportable to a communications engineering or network management application; and

        d) rendering a three dimensional view representative of said physical environment using the drawing or set of formatted data having the at least one or more objects.

Claim 14   (original) The method of claim 13 wherein said notifying performed in said verifying and notifying step is performed in an automatic fashion without feedback being provided to the user.

Claim 15 (original) The method of claim 13 wherein said notifying performed in said verifying and notifying step is performed by prompting the user and, when required to provide said useful definition, requires the user to correct any insufficiencies in response to an insufficiency notification.

Claim 16 (original) The method of claim 13 wherein said communications engineering or network management application is selected from the group consisting of one or more of wireless propagation prediction, measurement tools, component placement or layout visualization tools, optimization tools, bill of materials generating tools, and network performance management or prediction tools.

Claim 17 (original) The method of said claim 13 further comprising the step of adding or deleting at least one object in said at least one formatted drawing or said set of formatted data.

Claim 18 (original) The method of claim 13 further comprising the step of editing at least one object in said at least one formatted drawing or said set of formatted data.

Claim 19 (original) The method of claim 13 further comprising the step of moving at least one object in said at least one formatted drawing or said set of formatted data.

Claim 20 (original) The method of claim 13 further comprising the step of removing extraneous objects from said at least one raster image.

Claim 21 (original) The method of claim 13 further comprising the step of tracing and adding a traced object to said at least one formatted drawing or said set of formatted data.

Claim 22 (original) The method of claim 21 wherein either or both of said steps of tracing and adding are performed before said verifying step.

Claim 23   (original) The method of claim 13 further comprising modifying at least one of electrical properties, physical properties, aesthetic properties, and spatial configuration of at least one object.

Claim 24   (original) The method of claim 23 further comprising the step of moving an object in said set of formatted data or said at least one formatted drawing.

Claim 25   (original) The method of claim 13 further comprising the step of editing or modifying an object in said set of formatted data or said at least one formatted drawing.

Claim 26   (original) The method of claim 13 further comprising the step of removing extraneous objects from said one or more objects.

Claim 27   (original) The method of claim 13 further comprising the step of tracing and adding data representing a traced object.

Claim 28   (original) The method of claim 13 further comprising the step of adding measurements to said at least one formatted drawing or said set of formatted data.

Claim 29   (original) The method of claim 13 further comprising the step of adding measurements to said verified set of data.

Claim 30   (original) The method of claim 13 further comprising the step of specifying or invoking a propagation model for performing predictions of performance.

Claims 31-94 - canceled

Claim 95   (withdrawn) A method for creating, formatting or editing a database defining a computerized representative of a physical environment in which an in-building or campus wireless communications network may be deployed which can be used in one or more communications engineering or network management applications, comprising the steps of:

accepting at least one raster image representing a physical environment in which an indoor wireless communications network may be deployed;

scaling the at least one raster image;

generating an editable drawing or database from said at least one scaled raster image, wherein said editable drawing or database is transportable between users or between one or more engineering design or management applications;

adding or more objects representing an entity of the physical environment to said editable drawing or database to create a modified drawing or database; and

using the modified drawing or database in a communications engineering or network management application where the representation of the physical environment is rendered in three dimensions.

Claim 96   (withdrawn) The method of claim 95 where in said editable drawing is a vector drawing.

Claims 97-129 - canceled